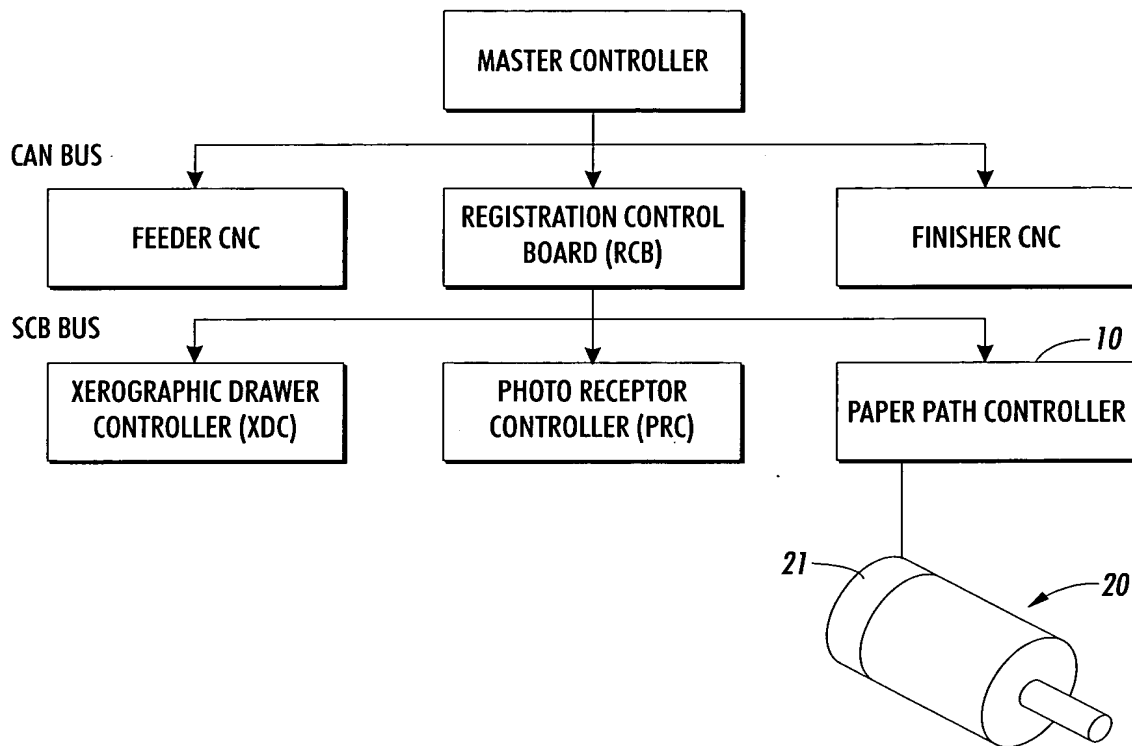


**FIG. 1**

10055405 010000

**FIG. 2**

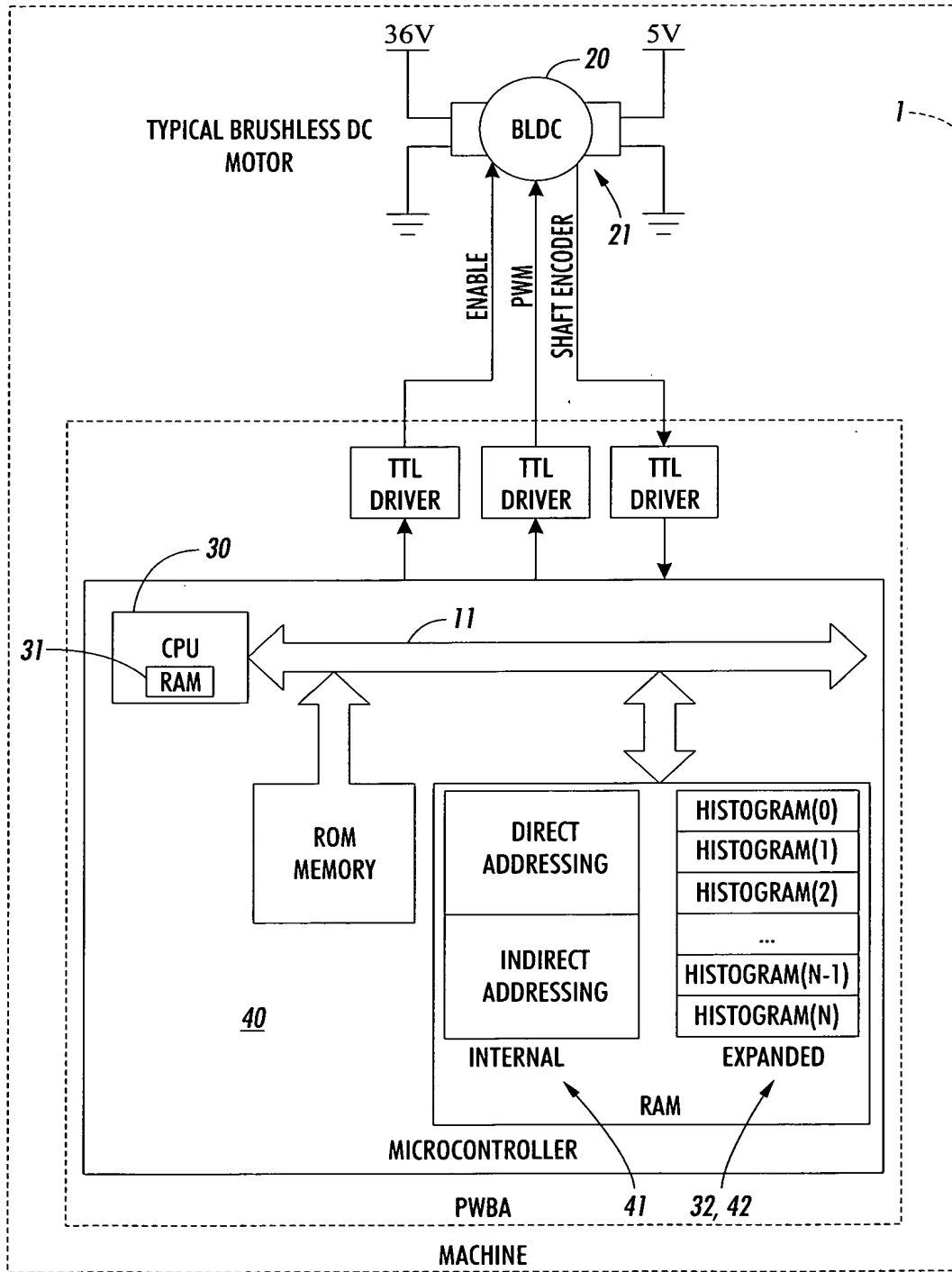


FIG. 3

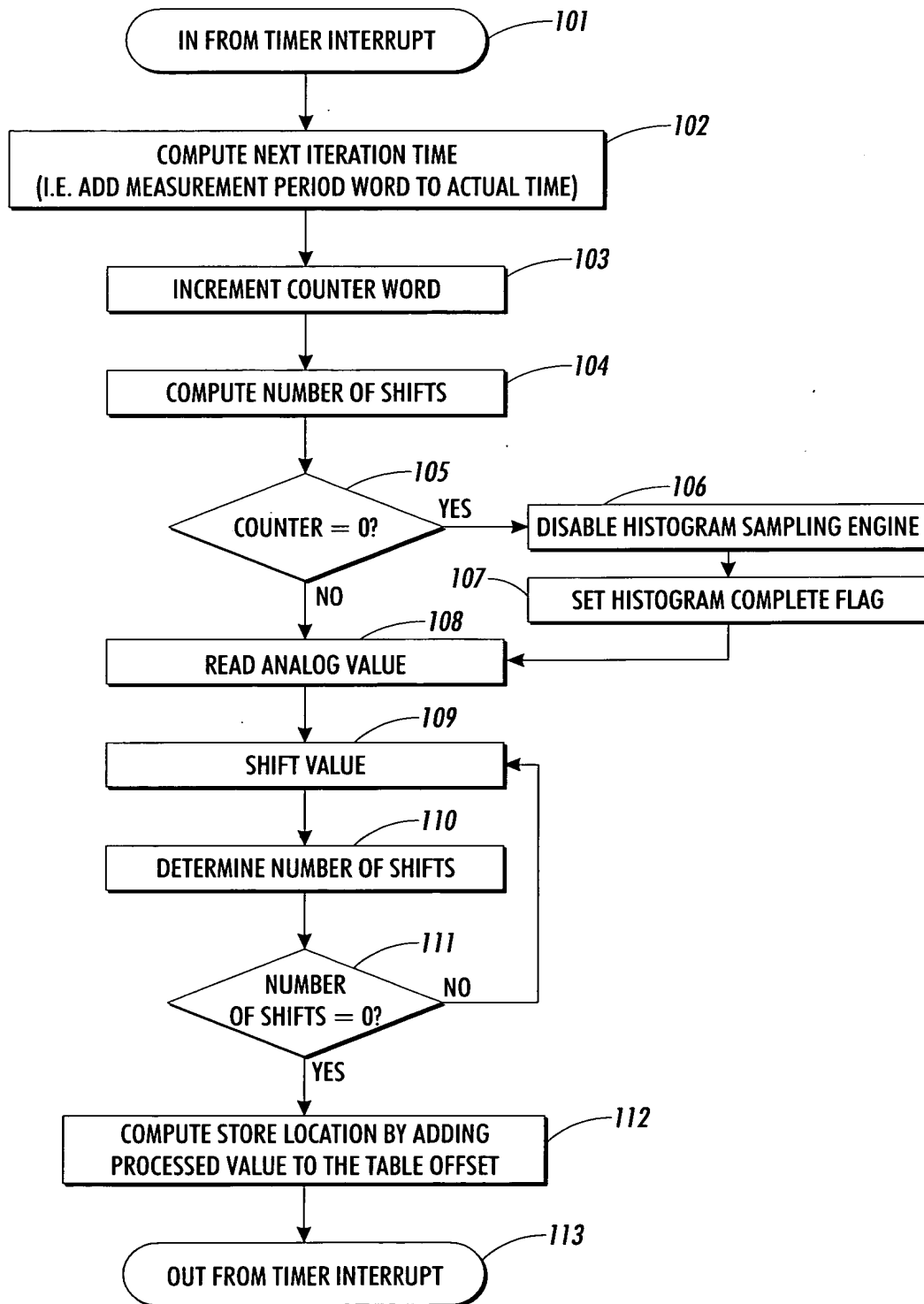
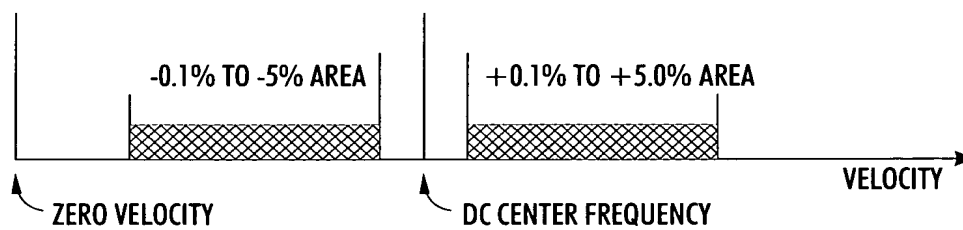


FIG. 4

## RAM SPACE

DEGREES (LOG2 HISTO SIZE)
VALUE RESOLUTION (# BITS)
NUMBER OF SHIFTS
MEASUREMENT PERIOD H
MEASUREMENT PERIOD L
COUNTER H
COUNTER L
HISTOGRAM STATUS REGISTER

**FIG. 5****FIG. 6**